

## FILING DECLARATION AND POWER OF ATTORNEY

Navy Case 83.367 Page 2 of 2

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original. first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: IDENTIFICATION OF FIRE SIGNATURES FOR SHIPBOARD MULTI-CRITERIA FIRE DETECTION SYSTEMS, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment

referred to above.  I acknowledge the duty to disclose infor §1.56(a).  I hereby claim foreign priority benefits that also identified below any foreign a claimed:	mation which	, United States Code, §119	tion of this application in a of any foreign application.	s for patent or in	Title 37, Code of Fe	listed below and
Number	Country		Filing Date		Priority (Yes/No)	
I hereby claim the benefit under Title 35 claims of this application is not disclose §112. I acknowledge the duty to disclose date of the prior application and the national state of the	d in the prior e material info	United States application in formation as defined in Title	n the manner provided by t 37, Code of Federal Regu	he first paragrap	ph of title 35, United	l States Code,
U.S. Appl. Serial No.		U.S. Filing Date		Status (paten	nted/pending/abando	ned)
POWER OF ATTORNEY: As a named the Patent and Trademark Office connect application: John J. Karasek, Reg. No. 36182 and Ge SEND CORRESPONDENCE TO: Associate Counsel (Patents), Code 10 Naval Research Laboratory Washington, D.C. 20375-5000	cted therewith corge Legg, Ro	, and hereby certify that the		d States has the		
I hereby declare that all statements made further that these statements were made under Section 1001 of Title 18 of the Ur thereon.	with the know hited States Co	vledge that willful false sta ode, and that such willful fa	tements and the like so ma tlse statements may jeopan	de are punishab	le by fine or impriso	onment, or both,
FULL NAME OF JOINT INVENTOR I	my.	Dese this	son DATE	3 Tus	رو 2002	_
RESIDENCE: FAIRFAX, VA CITIZENSHIP: USA POST OFFICE ADDRESS: 10008 ROU						-
FULL NAME OF JOINT INVENTOR 2	: RONALD E	. SHAFFER				
INVENTOR'S SIGNATURE:		DATE:				
RESIDENCE: CLIFTON PARK, NY CITIZENSHIP: USA POST OFFICE ADDRESS: 45 BROOK	LINE DRIVE	. CLIFTON, NY 12065				
FULL NAME OF JOINT INVENTOR 3	: DANIEL T.	GOTTUK				
INVENTOR'S SIGNATURE:	1 44		DATE:			

RESIDENCE: ELLICOTT CITY, MD

CITIZENSHIP: USA

POST OFFICE ADDRESS: 9009 BARN HILL COURT, ELLICOTT CITY, MD 21042

## Navy Case 83.367 Page 2 of 2

## FILING DECLARATION AND POWER OF ATTORNEY

					•	
FULL.	NAME	OF IOINT	INVENTOR	4 · SE	NΙ	HART

INVENTOR'S SIGNATURE: \_\_\_\_\_\_

DATE: 6/5/02

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POST OFFICE ADDRESS: 24B WEST CHAPMAN STREET, ALEXANDRIA, VA 22301

FULL NAME OF JOINT INVENTOR 5: MARK H. HAMMOND

INVENTOR'S SIGNATURE: // WILL & Jammo

DATE: 3 Î une 2002

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## FILING DECLARATION AND POWER OF ATTORNEY

Navy C. 100 K3.367 Page 2 of 3

original, first and juint inventor of	by declare that. My residence, post office address and citizenship are as stated balow next to my name, I believe I am the the subject matter which is claimed and for which a patent is tought up the invention entitled: DENTIFICATION OF PIPE MULTICRITERIA FILE DETECTION SYSTEMS. The specification of which is amended hereto. and understand the contants of the above identified specification, metating the claims, as amended by any amendment
referred to above	information which is openium to the extended in this application in accordance with Title 37. Civile of Federal Regulations.

Thereby claim foreign priority benefits under 17the 35, United States Code, \$110 or any foreign applications for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's centificate having a filing date helper that of the application on which priority is claimed:

claimed:	County	Filing Date	Priority (Yes/Nu)
claure of this application is no	i (liselosso in the prior united so	is defined in Title 37. Code of Federal Re	ted below and, master us the subject matter of each of the hy the first paragraph of title 35. United States Code. Egulations, \$1.56(1) which recurred between the filing
date of the prior application an	id the national of FC ? Misernation	al filing dure of this application:	Status (patented/panting/abandoned)
U.S. Appl. Serial No.	0.3, 70	mig reate	

POWER OF ATTORNEY: As a numed investor. Thereby appoint the fallowing attorney/fund/or agence to investile this application and transact all business in the Putent and Trudemark Office connected therewith, and hereby certify that the Government of the United States has the irrevocable right to prosecute this application

John J. Kurusak, Rog. No. 36182 and George Legg, Rug. No. 34.208

SEND CORRESPONDENCE TO: Associate Counsel (Valenta), Code 1048.2 Naval (Keeparch Laboratory Washington, D.C. 30375-5000

DIRECT TELEPHONE CALLS TO (ionnye lægg Reg. No. 34,208 (202)404-1519

I hereby declare that all statements made herein of my own knowledge are true and dial all statements made on information and belief are helieved to be true; and further that these aptements were made with the knowledge that willful false statements and the like to made are punishable by line or imprisonment, or both. under Section 1901 at Title 13 of the Hantes States Code, and that such willful false statements may reoperdize the validity of the application of any parent issued thereon

i-ull name of joint inve inventor's signature:	NTOR 1- SUSAN ROSE-DELIRSSON	DATE 3 June 2002
RESIDENCH: FAIRFAX, VA CITIZENSHIP: USA POST OMNEE ADDRESS: 10	US ROUGH RUN COURT, FAIRMAX STATION, VA 22030	
ENTE NAME OF TOTAL INVESTIGATIONS	entur 2: ronald u. Shaffer	DATE:
RESIDENCE: CLIPTON PAR CITIZENSHIP: USA POST OFFICE ADDRESS: 45	ic ny Brookline drivf. Clipton. Ny 12005	
full name of joint inv inventor's signature	ENTON 3: DANIEL T. GITTUK  Daniel T. Jouto	DATE S JUAN 2002
RESIDENCE: FI LICOTT CI	TV, MU	

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FILING DECLARATION AND POWER OF ATTURNEY

Navy Case 89.367 Page 2 of 1

full name of idint invent	OR 4. SEAN J. HART	
INVENTOR'S SIGNATURE:	11	DATE:
RESIDENCE: ALEXANDRA, VA CITIZENSHIP: USA POST OFFICE ADDRESS: 24B V	vest Chapman Streut, Alexandria, va 1230 i	
(IJLL NAME OF JOINT INVENT	Mourle of Hammond	DATE 3 Tune 2002
RESIDENCE: ALEXANDRIA, V CITIZENSHIP: USA POST OFFICE ADDRESS: 6240	a Rose Hill, drive, apt. IA. All'Xandria. Va 33310	

FILING DECLARATION
AND POWER OF ATTIMATELY

Navy Cute R3.367 Page 2 of 2

As a heliow named inventor. I hereby declare that: My residence, post office address and divisenship are as stated below past to my name. I believe I am the original. First, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: DENCIPELATION OF PLUE SIGNATURES FOR SITTEMAN MULTI-CRITERIA FIRE DETECTION SYSTEMS. The specification of which is attached because

I hereby state that I have reviewed and understand the equients of the above identified specification, including the claims, as uncoded by any uncodement referred to above.

Licknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37. Code of Pederal Regulations, \$1.36(a).

Thereby claim faceign priority benefits under 19to 35, United States Code, \$119 of any foreign applications for patent or inventor's certificate listed below and take also identified below any fureign application for patent or inventor's certificate having a filling date before that of the application on which priority is

Number	Country	Filing Date	Priority (Yes/Nu)

Thereby claim the benefit under Title 35. United States Code, § 120 of any United States applications listed below and, insufar as the subject matter of each of the claims of this application is not disclosed in the prior United States application to the manner provided by the first paragraph of title 35, United States Code, § 112. Unknowledge the daily to disclose material information as defined in Title 37, Code of Vederal Regulations, § 1.56(a) which occurred between the filling date of the prior application and the national or PCT international filling date of this application:

U.S. Appl. Scrial No.	U.S. Filing Date	Status (patente Upentling/abundoned)
·		

FOWER OF ATTYMENTY: As a named inventor. I hereby appoint the following attorneys/thebor appoint of prosecute this application and transact all hustares in the Paters and Trademark Office connected therewith, and hereby certify that the Government of the United States has the irrevocable right to prosecute this application:

John J. Karusek, Rey. No. 36192 and George Large, Roy, No. 34,208

POST DITICE ADDRESS: 9019 BARN HILL COURT, ELLICOTY CITY, MD 21042

SEND CORRESPONDENCE TO: Associate Coursel (Patents), Code 1018.2 Naval Research Lubbratory Washington, D.C. 30375-5000 (DIRECT TELEPHONE CALLS TO George Legg Reg. No. 34,208 (202)414-1559

Thereby declare that all statements made better for my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by the or imprisonment, or both, under Section 1001 of True 18 of the United States Code, and that such willful false statements may joopardize the validity of the application or any putent issued thereon.

nventor's signature:	DAYE:
residence: fairhax, va	
COVENSHIP: USA	
ost office address: 10008 rough run court, fairfax station, '	AV 53U3A
ULL NAME OF IGINI INVENTOR 2: ROMALD E. SHAFFER	,
ULL NAME OF IGINT INVENTOR 2: RONALD E. SHAFFER  NVENTOR'S SIGNATURE: 17 OWN & STA	DATE: 6/4/02
ESIDUNCE: CLIFTON PARK, NY	
TTIZENSHIP: USA	1 112 .521 6
OST OFFICE ADDRESS: 45 BROOKLING DRIVE, CLEPTON, AP 12005 C	lifton Park, NY 18065
ULL NAME OF IOINT INVENTOR 3. DANIELT, GOTTUK	
NVENTOR'S SIGNATURE:	DATE